

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/799,320C

CRF Edit Date: 10-12-04
Edited by: Re

☐ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

☐ Corrected the SEQ ID NO. Sequence numbers edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☒ Deleted: ☒ invalid beginning/end-of-file text ; _____ page numbers

ENTERED

☐ Inserted mandatory headings/numeric identifiers, specifically:

☐ Moved responses to same line as heading/numeric identifier, specifically:

☐ Other:



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320C

DATE: 10/12/2004

TIME: 14:42:20

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\10122004\J799320C.raw

```

4 <110> APPLICANT: SAIKAWA, Akira
5     IGARI, Yasutaka
6     YAMAMOTO, Yoshio
7     HATA, Yoshio
9 <120> TITLE OF INVENTION: Sustained-Release Composition, Methods of its Preparation
and Use
10     Thereof
12 <130> FILE REFERENCE: 2500 US1P
14 <140> CURRENT APPLICATION NUMBER: 10/799,320C
15 <141> CURRENT FILING DATE: 2004-03-12
17 <150> PRIOR APPLICATION NUMBER: US 09/582,926
18 <151> PRIOR FILING DATE: 2000-07-05
20 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00086
21 <151> PRIOR FILING DATE: 1999-01-13
23 <150> PRIOR APPLICATION NUMBER: JP 10-6412
24 <151> PRIOR FILING DATE: 1998-01-16
26 <160> NUMBER OF SEQ ID NOS: 5
28 <170> SOFTWARE: PatentIn version 3.2
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 10
32 <212> TYPE: PRT
33 <213> ORGANISM: artificial sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: LH-RH peptide derivative/analog
38 <220> FEATURE:
39 <221> NAME/KEY: MISC_FEATURE
40 <222> LOCATION: (1)..(1)
41 <223> OTHER INFORMATION: 5-oxo-Pro
43 <220> FEATURE:
44 <221> NAME/KEY: MISC_FEATURE
45 <222> LOCATION: (6)..(6)
46 <223> OTHER INFORMATION: DLeu, DAla, DTrp, DSer(tbut), D2Nal or DHis(ImBzl)
48 <220> FEATURE:
49 <221> NAME/KEY: MISC_FEATURE
50 <222> LOCATION: (9)..(9)
51 <223> OTHER INFORMATION: Pro or Pro-NH-C2H5
53 <220> FEATURE:
54 <221> NAME/KEY: MISC_FEATURE
55 <222> LOCATION: (10)..(10)
56 <223> OTHER INFORMATION: Gly-NH2 or nothing
58 <400> SEQUENCE: 1
W--> 60 Pro His Trp Ser Tyr Xaa Leu Arg Pro Xaa
61 1           5           10
65 <210> SEQ ID NO: 2

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320C

DATE: 10/12/2004

TIME: 14:42:20

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\10122004\J799320C.raw

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66 <211> LENGTH: 11
67 <212> TYPE: PRT
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71 <223> OTHER INFORMATION: LH-RH antagonist derivative/analog
73 <220> FEATURE:
74 <221> NAME/KEY: MISC_FEATURE
75 <222> LOCATION: (1)..(1)
76 <223> OTHER INFORMATION: N(4H2-furoyl)Gly or Nac
78 <220> FEATURE:
79 <221> NAME/KEY: MISC_FEATURE
80 <222> LOCATION: (2)..(2)
81 <223> OTHER INFORMATION: D2Na1
83 <220> FEATURE:
84 <221> NAME/KEY: MISC_FEATURE
85 <222> LOCATION: (3)..(3)
86 <223> OTHER INFORMATION: D4ClPhe
88 <220> FEATURE:
89 <221> NAME/KEY: MISC_FEATURE
90 <222> LOCATION: (4)..(4)
91 <223> OTHER INFORMATION: D3Pal
93 <220> FEATURE:
94 <221> NAME/KEY: MISC_FEATURE
95 <222> LOCATION: (6)..(6)
96 <223> OTHER INFORMATION: NMeTyr, Tyr, Aph(Atz) and NMeAph(Atz)
98 <220> FEATURE:
99 <221> NAME/KEY: MISC_FEATURE
100 <222> LOCATION: (7)..(7)
101 <223> OTHER INFORMATION: DLys(Nic), DCit, DLys(AzaglyNic), DLys(AzaglyFur), DhArg
(Et2),
102      Daph(Atz), DhCi.
104 <220> FEATURE:
105 <221> NAME/KEY: MISC_FEATURE
106 <222> LOCATION: (9)..(9)
107 <223> OTHER INFORMATION: Lys(Nisp), Arg, hArg(Et2).
109 <220> FEATURE:
110 <221> NAME/KEY: MISC_FEATURE
111 <222> LOCATION: (11)..(11)
112 <223> OTHER INFORMATION: DALaNH2
115 <400> SEQUENCE: 2
W--> 117 Xaa Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa
118 1          5          10
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122 <211> LENGTH: 8
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: LH-RH peptide derivative/analog
130 <220> FEATURE:
131 <221> NAME/KEY: MISC_FEATURE

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320C

DATE: 10/12/2004

TIME: 14:42:20

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\10122004\J799320C.raw

132 <222> LOCATION: (1)..(1)
133 <223> OTHER INFORMATION: 5-oxo-Pro
135 <220> FEATURE:
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137 <222> LOCATION: (6)..(6)
138 <223> OTHER INFORMATION: Dleu
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141 <221> NAME/KEY: MISC_FEATURE
142 <222> LOCATION: (8)..(8)
143 <223> OTHER INFORMATION: Pro-NH-C2H5
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148 1 5
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152 <211> LENGTH: 11
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154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: LH-RH peptide derivative/analog
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160 <221> NAME/KEY: MISC_FEATURE
161 <222> LOCATION: (1)..(1)
162 <223> OTHER INFORMATION: N-(S)-tetrahydrofur-2-oyl-Gly
164 <220> FEATURE:
165 <221> NAME/KEY: MISC_FEATURE
166 <222> LOCATION: (2)..(2)
167 <223> OTHER INFORMATION: D2Nal
169 <220> FEATURE:
170 <221> NAME/KEY: MISC_FEATURE
171 <222> LOCATION: (3)..(3)
172 <223> OTHER INFORMATION: D4ClPhe
174 <220> FEATURE:
175 <221> NAME/KEY: MISC_FEATURE
176 <222> LOCATION: (4)..(4)
177 <223> OTHER INFORMATION: D3Pal
179 <220> FEATURE:
180 <221> NAME/KEY: MISC_FEATURE
181 <222> LOCATION: (6)..(6)
182 <223> OTHER INFORMATION: NmeTyr
184 <220> FEATURE:
185 <221> NAME/KEY: MISC_FEATURE
186 <222> LOCATION: (7)..(7)
187 <223> OTHER INFORMATION: DLys(Nic)
189 <220> FEATURE:
190 <221> NAME/KEY: MISC_FEATURE
191 <222> LOCATION: (9)..(9)
192 <223> OTHER INFORMATION: Lys(Nisp)
195 <220> FEATURE:
196 <221> NAME/KEY: MISC_FEATURE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320C

DATE: 10/12/2004

TIME: 14:42:20

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\10122004\J799320C.raw

197 <222> LOCATION: (11)..(11)
 198 <223> OTHER INFORMATION: DALaNH2
 200 <400> SEQUENCE: 4
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 203 1 5 10
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 207 <211> LENGTH: 9
 208 <212> TYPE: PRT
 209 <213> ORGANISM: Artificial Sequence
 211 <220> FEATURE:
 212 <223> OTHER INFORMATION: LH-RH peptide derivative/analog
 214 <220> FEATURE:
 215 <221> NAME/KEY: MISC_FEATURE
 216 <222> LOCATION: (1)..(1)
 217 <223> OTHER INFORMATION: 5-oxo-Pro
 219 <220> FEATURE:
 220 <221> NAME/KEY: MISC_FEATURE
 221 <222> LOCATION: (6)..(6)
 222 <223> OTHER INFORMATION: Dleu
 224 <220> FEATURE:
 225 <221> NAME/KEY: MISC_FEATURE
 226 <222> LOCATION: (9)..(9)
 227 <223> OTHER INFORMATION: Pro-NH-C2H5
 230 <400> SEQUENCE: 5
W--> 232 Pro His Trp Ser Tyr Xaa Leu Arg Pro
 233 1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/799,320C

DATE: 10/12/2004
 TIME: 14:42:21

Input Set : A:\pto.kd.txt
 Output Set: N:\CRF4\10122004\J799320C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6,10
 Seq#:2; Xaa Pos. 1,2,3,4,6,7,9,11
 Seq#:3; Xaa Pos. 6
 Seq#:4; Xaa Pos. 2,3,4,6,7,9,11
 Seq#:5; Xaa Pos. 6

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/799,320C

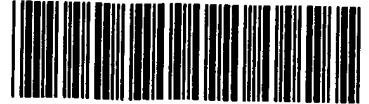
DATE: 10/12/2004

TIME: 14:42:21

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\10122004\J799320C.raw

L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320C

DATE: 10/07/2004

TIME: 10:21:25

Input Set : A:\2500us1pSeqRev.txt

Output Set: N:\CRF4\10072004\J799320C.raw

4 <110> APPLICANT: SAIKAWA, Akira
 5 IGARI, Yasutaka
 6 YAMAMOTO, Yoshio
 7 HATA, Yoshio
 9 <120> TITLE OF INVENTION: Sustained-Release Composition, Methods of its Preparation
 and Use
 10 Thereof
 12 <130> FILE REFERENCE: 2500 US1P
 14 <140> CURRENT APPLICATION NUMBER: 10/799,320C
 15 <141> CURRENT FILING DATE: 2004-03-12
 17 <150> PRIOR APPLICATION NUMBER: US 09/582,926
 18 <151> PRIOR FILING DATE: 2000-07-05
 20 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00086
 21 <151> PRIOR FILING DATE: 1999-01-13
 23 <150> PRIOR APPLICATION NUMBER: JP 10-6412
 24 <151> PRIOR FILING DATE: 1998-01-16
 26 <160> NUMBER OF SEQ ID NOS: 5
 28 <170> SOFTWARE: PatentIn version 3.2

(ps 1-2)

ERRORED SEQUENCES

206 <210> SEQ ID NO: 5
 207 <211> LENGTH: 9
 208 <212> TYPE: PRT
 209 <213> ORGANISM: Artificial Sequence
 211 <220> FEATURE:
 212 <223> OTHER INFORMATION: LH-RH peptide derivative/analog
 214 <220> FEATURE:
 215 <221> NAME/KEY: MISC_FEATURE
 216 <222> LOCATION: (1)..(1)
 217 <223> OTHER INFORMATION: 5-oxo-Pro
 219 <220> FEATURE:
 220 <221> NAME/KEY: MISC_FEATURE
 221 <222> LOCATION: (6)..(6)
 222 <223> OTHER INFORMATION: Dleu
 224 <220> FEATURE:
 225 <221> NAME/KEY: MISC_FEATURE
 226 <222> LOCATION: (9)..(9)
 227 <223> OTHER INFORMATION: Pro-NH-C2H5
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 233 1 5
 E--> 239 1
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VERIFICATION SUMMARY

DATE: 10/07/2004

PATENT APPLICATION: US/10/799,320C

TIME: 10:21:26

Input Set : A:\2500uslpSeqRev.txt

Output Set: N:\CRF4\10072004\J799320C.raw

L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:239 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5 ✓